



Building a Pipeline of Future Healthcare Professionals

**SOUTH CAROLINA DEPARTMENT OF EDUCATION
OFFICE OF CAREER AND TECHNOLOGY EDUCATION**
http://ed.sc.gov/agency/offices/cate/health_sciences/

Cluster Description

The *Health Science Career Cluster* is a secondary program of study that promotes health career opportunities. By integrating health science courses, work-based learning activities and academics, students are able to make informed decisions regarding the array of careers and educational pursuits.

SC Health Science Education includes:

- Teacher quality standards www.scdirect.org
- Curriculum standards
- Facility and equipment standards
- Work-based learning standards
- Assessment standards
- HOSA standards

The *Health Science Career Cluster* prepares students to pursue careers in five health science pathways.

- Therapeutic Services
- Diagnostic Services
- Health Informatics
- Support Services
- Biotechnology & Research Development

Health Science Foundations

- Essential knowledge & skills needed by healthcare providers based on the National Healthcare Skills Standards
- Individual needs of students & post-secondary education requirements
- Leadership, community service, & scholarship
- Community resources & healthcare partners

Course Offerings

Introduction to Health Science
Health Science 1 and 2
Medical Terminology
Gerontology (Certified Nurse Aide)
Intro to Emergency Medical Services (EMS)
EMS 1, 2, and 3
Sports Medicine 1 and 2
Pharmacy Technology
Practical Nursing
Health Science Work-based Credit
Sports Medicine Work-based Credit
Principles of Biomedical Sciences (PLTW)
Human Body Systems (PLTW)
Medical Interventions (PLTW)
Biomedical Innovation (PLTW)

<http://ed.sc.gov/agency/offices/cate/standards/hststandards2.html>

2009 Enrollment Data

16,000+ students
125 programs
250 teachers

Certifications – Assessments

CPR and First Aid (HST, EMS, SM)
Emergency Medical Technician (EMS 3)
First Responder (EMS 2)
Nurse Aide (Health Science 2 & Gerontology)
National Healthcare Foundation Standards (Health Science Completers)
Pharmacy Technician (Pharmacy Technology)



HOSA Facts

www.hosa.org www.schosa.org

Health Occupations Students of America (HOSA) –a health professions pipeline is a national career and technical education student organization endorsed by the U.S. Dept. of Education as an integral part of the health science curriculum.

- 120,000+ members interested health professions
- 47 state associations
- 3500+ South Carolina members

Calendar of Events

- SC HOSA Fall Leadership Conference
Newberry College, October 14, 2010
- National Health Science Curriculum Conference
Minneapolis, MN, October 19-22, 2010
www.healthscienceconsortium.org
- ACTE Convention and Career Tech Expo
Las Vegas, NV, December 2–4, 2010
- SC Health Science Educators
Professional Development Conference
Myrtle Beach, February 3–5, 2011
- SC HOSA State Leadership Conference
North Charleston, March 9–11, 2011
- HOSA National Leadership Conference
Anaheim, CA, June 22–25, 2011
- SC Education and Business Summit
Greenville, June 26–30, 2011

New & Promising Initiatives

- Hospital work-based learning projects
- Health Science Education scholarships
- SC Virtual School Program online courses
<http://scvspconnect.ed.sc.gov/>
- Virtual Surgery Insider Project
www.virtualsurgery.tv
- End of program assessments for all completers
- Instructional supplements grants
- Virtual hospital; www.BeSomethingAmazing.com



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